

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID SHUR	05/20/2004
ALEKSANDR ZELEZNIAK	01/19/2004
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AT&T CORP.
<b>Street Address:</b>	32 AVENUE OF THE AMERICAS
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10013
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12268431
<b>Application Number:</b>	12268436
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(732)542-2283
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	732-542-2280
<b>Email:</b>	khunter@walltong.com
<b>Correspondent Name:</b>	AT&T LEGAL DEPARTMENT - WT
<b>Address Line 1:</b>	ONE AT&T WAY
<b>Address Line 2:</b>	ROOM 2A-212
<b>Address Line 4:</b>	BEDMINSTER, NEW JERSEY 07921
<b>ATTORNEY DOCKET NUMBER:</b>	2001-0455 FAMILY
<b>NAME OF SUBMITTER:</b>	KIRSTEN HUNTER
<b>SIGNATURE:</b>	/Kirsten Hunter/
<b>DATE SIGNED:</b>	12/15/2015
<b>Total Attachments: 6</b>	
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## ASSIGNMENT AND AGREEMENT

For value received, we, **David Shur, of Holmdel in the County of Monmouth and State of New Jersey and Aleksandr Zelezniak, of Matawan in the County of Monmouth and State of New Jersey**, hereby sell, assign and transfer to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Method and Redirection of Web Streaming Clients Using Lightweight Available Bandwidth Measurement** described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to AT&T Corp. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize AT&T Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to AT&T Corp. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Corp. may designate.

Docket No. 2001-0455

We agree that, when requested, we shall, without charge to AT&T Corp. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

David Shur  
David Shur

Date: May 20, 2004

United States of America )

State of )

County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2004, before me personally came **David Shur**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
**Aleksandr Zelezniak**

Date: \_\_\_\_\_

United States of America            )

State of                                    )

County of                                 )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2004, before me personally came **Aleksandr Zelezniak**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

AT&T Corp.  
P.O. Box 4110  
Middletown, New Jersey 07748-4110

## ASSIGNMENT AND AGREEMENT

For value received, we, **David Shur, of Holmdel in the County of Monmouth and State of New Jersey and Aleksandr Zelezniak, of Matawan in the County of Monmouth and State of New Jersey**, hereby sell, assign and transfer to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Method and Redirection of Web Streaming Clients Using Lightweight Available Bandwidth Measurement** described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to AT&T Corp. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize AT&T Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

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\_\_\_\_\_  
**David Shur**

Date: \_\_\_\_\_

United States of America )

State of \_\_\_\_\_ )

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2004, before me personally came **David Shur**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Aleksandr Zelezniak  
Aleksandr Zelezniak

Date: 1/19/2004

United States of America )

State of )

County of )

On this 19 day of January, 2004, before me personally came **Aleksandr Zelezniak**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Teresa Sullo  
Notary Public

**TERESA SULLO**  
Notary Public of New Jersey  
My Commission Expires Sept. 3, 2004



AT&T Corp.  
P.O. Box 4110  
Middletown, New Jersey 07748-4110